


Converter allowing data communications equipment to transmit data to data terminal equipment through universal serial bus and the control method thereof

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Inventor(s): LIN CHUEN-BIN [TW]; SHIE JAU-KAI [TW]

Applicant(s): WINBOND ELECTRONICS CORP [TW]

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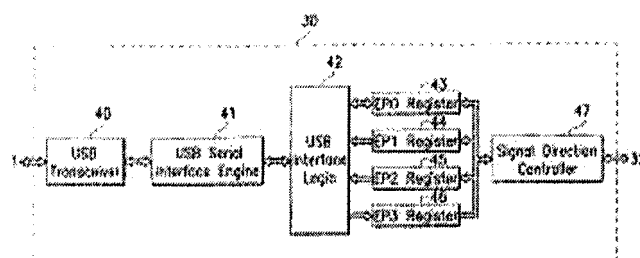
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Abstract of TW 455805 (B)

The present invention relates to a converter connected between a data terminal equipment (DTE) and a data communications equipment (DCE). It consists of a universal serial bus (USB) controller connected with the DTE and an asynchronous serial transmission controller connected with either the DCE or the USB controller. In accordance with the control method of the present invention, the control signals from the DTE to the DCE and the parameter setting on the asynchronous serial transmission controller by the DTE are transmitted through the USB controller under a control transmission mode. When the asynchronous serial transmission controller detects a DCE's state signal, the state signal will be transmitted to the DTE through the USB controller under an interrupt transmission mode before, in accordance with the set parameters, transmitting data between the DTE and the DCE under an isochronous data transmission mode.



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